

## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q83924

Akihiro GOTO, et al.

Appln. No.: National Stage Entry of PCT/JP2003/009687

Confirmation No.: Not yet assigned

Group Art Unit: Not yet assigned

Filed: December 1, 2004

Examiner: Not yet assigned

For: **ELECTRODE FOR ELECTRIC DISCHARGE SURFACE TREATMENT,  
METHOD OF ELECTRIC DISCHARGE SURFACE TREATMENT, AND  
APPARATUS FOR ELECTRIC DISCHARGE SURFACE TREATMENT**

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents, other than any U.S. patents and patent publications, is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

DT05 R000 PCT/PTO 0 1 DEC 2004

INFORMATION DISCLOSURE STATEMENT  
National Stage Entry of PCT/JP2003/009687:

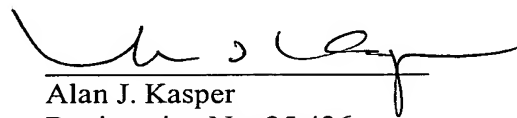
In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents, together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: **English language abstracts, submitted herewith, constitute concise statements of relevance for Japanese Patent Publication Nos. 3,227,454, 3093846, 3098654, 3271836, 3721844, and 9-192937.**

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

AJK/dmg

Date: December 1, 2004

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Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	National Stage Entry of PCT/JP2003/009687
Confirmation Number	Not yet assigned
Filing Date	December 1, 2004
First Named Inventor	Akihiro GOTO, at al.
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	Q83924

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	3,227,454	B1	08/31/2001		
		WO	01/05545	A1	01/25/2001	MITSUBISHI DENKI KABUSHIKI KAISHA	
		WO	01/23640	A1	04/25/2001	MITSUBISHI DENKI KABUSHIKI KAISHA	
		JP	3093846	B2	07/28/2000	RES DEV CORP OF JAPAN	
		JP	3098654	B2	08/11/2000	RES DEV CORP OF JAPAN	
		JP	3271836	B2	01/25/2002	RES DEV CORP OF JAPAN	
		JP	3271844	B	07/29/1997	RES DEV CORP OF JAPAN	
		JP	9-192937	A	07/29/1999	RES DEV CORP OF JAPAN, SAITO NAGAO, MORI NAOTAKE, AND MITSUBISHI ELECTRIC CORP.	
		JP	7-70761	A	03/14/1995	RES DEV CORP OF JAPAN	

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		GOTO AKIHIRO, et al./ "Forming thick coat by Electric Discharge Surface Treatment (EDC)" Mold Technique, Nikkan Kogyou Shinbusha	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.